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In the Claims:

1 1. [Currently Amended] A hard copy imaging system, comprising:
2 a first communications network configured to operate in a first
3 communication link format;
4 a second communications network configured to operate in a second
5 communication link format different than the first communication link format;
6 a plurality of hard imaging devices communicatively coupled to the first
7 communications network;
8 an external device communicatively coupled to the second
9 communications network, the external device being configured to forward a
10 print request to at least one of the plurality of hard imaging devices for
11 processing; and
12 a print server communicatively coupled to the plurality of hard imaging
13 devices via the first communications network and to the external device via the
14 second communications network, the print server being configured to receive
15 the print request from the external device in the second communication link
16 format and automatically generate a translated print request in the first
17 communication link format for processing by at least one of the plurality of hard
18 imaging devices, the print server being further configured to automatically
19 generate and communicate a signal to the external device, the signal being
20 indicative of individual hard imaging devices among the plurality of hard imaging
21 devices configured to be supported by the print server even if the plurality of
22 hard imaging devices are not configured to support the second communication
23 link format.

1 2. [Original] The system of claim 1, wherein a user of the external
2 device being enabled to identify the individual hard imaging devices to service
3 the print request generated in the second communication format and sent via
4 the print server, and wherein the first and second communication link formats
5 are configured to have similar communication link formats but with differing
6 communication protocol layers.

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

1 3. [Original] The system of claim 1, wherein the first communications
2 network is a local area network (LAN).

1 4. [Original] The system of claim 1, wherein the second
2 communications network comprises one of a wired network or a wireless
3 network.

1 5. [Original] The system of claim 1, wherein the print server is
2 configured to support multiple discovery techniques including Bluetooth service
3 discovery protocol, and Universal Plug and Play Service Discovery protocol.

1 6. [Original] The system of claim 1, wherein the print server is
2 configured to advertise to the external device that the print server supports a
3 plurality of communication protocols and standards even if the individual hard
4 imaging devices of the plurality of hard imaging devices are not configured to
5 support the plurality of communication protocols and the standards.

1 7. [Original] The system of claim 1, wherein the print server is
2 configured to incorporate security features to only permit a user of the external
3 device to forward a print request to individual ones of the plurality of hard
4 imaging devices having the security features.

1 8. [Original] The system of claim 1, wherein the print server is
2 configured to support a plurality of communication protocols and operating
3 systems.

1 9. [Original] The system of claim 8, wherein the print server
2 comprises:

3 a communications interface configured to communicate with the first and
4 second communications networks;
5 a storage device configured to store information related to the hard
6 imaging devices and instructions to process print requests received from the
7 external device; and

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

8 processing circuitry configured to communicate with the external device
9 and individual ones of the plurality of hard imaging devices, wherein
10 communication with the external device being performed using the second
11 communication link format and communication with the individual ones of the
12 plurality of hard imaging devices being performed using the first communication
13 link format.

1 10. [Original] The system of claim 9, wherein the processing circuitry
2 of the print server comprising:
3 a first memory device configured to store data for operation of the print
4 server;
5 a second memory device configured to store firmware data;
6 status indicator devices configured to provide an indication of status of
7 the hard imaging devices; and
8 a plurality of physical layer components configured to convert print
9 requests in the second communication link format to the first communication
10 link format.

1 11. [Original] The system of claim 10, wherein print requests from the
2 external device are received via the second communication network by one of
3 the physical layer components, processed by the processing circuitry, and
4 transmitted to the first communication network via another of the physical layer
5 components.

1 12. [Original] The system of claim 10, wherein the processing circuitry
2 further comprises:
3 a plurality of media access controllers (MAC), individual MACs being
4 configured to provide link access to a specific communication protocol;
5 a first controller configured to control operations of the first memory
6 device; and
7 a second controller configured to control operations of the second
8 memory device.

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

1 13. [Original] The system of claim 12, wherein the processing circuitry
2 further comprises:

3 information related to higher layer network protocols; and
4 bridge logic to enable flow of information between the first and second
5 communication networks.

1 14. [Original] The system of claim 1, wherein the print server being
2 configured to function as a proxy server to requests from the external device to
3 provide functionalities not supported by the print server.

1 15. [Original] The system of claim 14, wherein the print server being
2 configured to automatically forward requests, received from the external device,
3 that are not understood by the print server to an external service for further
4 processing.

1 16. [Original] The system of claim 1, wherein the hard imaging devices
2 comprise a printer.

1 17. [Original] The system of claim 1, wherein individual ones of the
2 plurality of hard imaging devices being configured to implement a common
3 printing protocol, and the print server being configured to convert print requests
4 from the external device to the common printing protocol.

1 18. [Original] A print server system, comprising:
2 first and second communication networks configured to operate in
3 distinct communication link formats;
4 a plurality of printers individually configured to process print requests;
5 an external device communicatively coupled to the second
6 communications network, the external device configured to generate a print
7 request for processing by at least one of the plurality of printers;
8 a print server communicatively coupled to the first and second
9 communication networks, the print server being communicatively coupled to the
10 plurality of printers via the first communications network and to the external

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

11 device via the second communications network, the print server being
12 configured to receive a print request from the external device in a second
13 communication link format and generate a translated print request in a first
14 communication link format that is different from the second communication link
15 format, the translated print request being forwarded to at least one of the
16 plurality of printers for processing, the print server being further configured to
17 communicate with the external device with information regarding individual
18 printers supported by the print server even if the individual printers are
19 incompatible to directly process a print request from the external device, and the
20 print server being configured to function as a proxy server for requests, from the
21 external device, to enable functions not supported by the print server.

1 19. [Original] The system of claim 18, the print server comprising:
2 a communications interface being configured to communicate with the
3 first and second communications networks;
4 a storage device being configured to store information related to the
5 plurality of printers and instructions to process print requests received from the
6 external device; and
7 processing circuitry being configured to communicate with the external
8 device and individual ones of the plurality of printers, wherein communication
9 with the external device is performed using a second communication link format
10 and communication with the individual ones of the plurality of printers is
11 performed using a first communication link format that is different from the
12 second communication link format.

1 20. [Original] The system of claim 19, wherein the processing circuitry
2 of the print server comprises:
3 a volatile memory configured to store data for operation of the print
4 server;
5 a non-volatile memory configured to store firmware data; and
6 a plurality of physical layer components configured to convert print
7 requests from a communication link format to another distinct communication
8 link format.

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

1 21. [Original] The system of claim 20, wherein print requests from the
2 external device are received via the second communication network by one of
3 the physical layer components, processed by the processing circuitry, and
4 transmitted to the first communication network via another of the physical layer
5 components.

1 22. [Original] The system of claim 20, wherein the processing circuitry
2 further comprises:

3 a plurality of media access controllers (MAC), individual MACs being
4 configured to provide link access to a specific communication protocol;

5 a first memory controller configured to control the volatile memory;

6 a second memory controller configured to control the non-volatile
7 memory;

8 information related to higher layer network protocols; and

9 bridge logic to enable flow of information between the first and second
10 communication networks.

1 23. [Original] The system of claim 18, wherein the print server is
2 configured to forward requests, from the external device, that are not
3 understood by the print server to an external service.

1 24. [Currently Amended] A printer server system comprising:

2 a printer server means for communicatively coupling distinct
3 communication networks to enable communication therebetween;

4 a first communication means for communicatively linking the print server
5 means to a plurality of printers;

6 a second communication means for communicatively linking the print
7 server to an external device; and

8 the print server means configured for receiving a print request from the
9 external device in a second communication link format of the second
10 communication means and automatically generating a translated print request, in
11 a first communication link format of the first communication means that is
12 different from the second communication link format, the translated print

Serial No.: 10/723,277

Case: 200310691-1

Amendment: A

13 request being forwarded by the printer server means for processing by at least
14 one of the plurality of printers, the print server means being configured for
15 automatically generating and communicating a signal to the external device, the
16 signal being indicative of individual printers among the plurality of printers that
17 are supported by the print server means even if the plurality of printers are not
18 configured to support the second communication link format.

1 25. [Original] The print server system of claim 24, wherein the print
2 server means being configured to support multiple discovery techniques
3 including Bluetooth service discovery protocol and Universal Plug and Play
4 Service Discovery protocol.

1 26. [Currently Amended] A print server system comprising:
2 a print server communicatively coupled to a plurality of printers via a first
3 communications network and to an external device via a second communications
4 network, the first and second communications networks being
5 configured to operate using distinct communication link formats;
6 a communications interface being configured to communicate with the
7 first and second communications networks;
8 a storage device being configured to store information related to the
9 plurality of printers and instructions to process print requests received from the
10 external device; and
11 processing circuitry configured to communicate with the external device
12 and individual ones of the plurality of printers, wherein communication with the
13 external device being performed using a second communication link format of
14 the second communications network and communication with the individual
15 ones of the plurality of printers being performed using a first communication link
16 format of the first communications network that is different from the second
17 communication link format, the processing circuitry including:
18 a volatile memory configured to store data for operation of the
19 print server;
20 a non-volatile memory configured to store firmware data;
21 a plurality of physical layer components configured to convert print

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

22 requests from a communication link format to another distinct communication
23 link format; and

24 the print server being configured to receive a print request from the
25 external device in the second communication link format and generate a
26 translated print request in the first communication link format, the translated
27 print request being forwarded to at least one of the plurality of printers for
28 processing.

1 27. [Original] The print server system of claim 26, wherein the print
2 server being further configured to communicate with the external device with
3 information regarding individual printers, supported by the print server even if
4 the individual printers are incompatible to directly process a print request from
5 the external device; and

6 further wherein the print server being configured to function as a proxy
7 server for requests, from the external device, to enable functions not supported
8 by the print server.

1 28. [Currently Amended] A method enabling communication between
2 distinct communication networks operating in distinct communication link
3 formats, the method comprising:

4 communicatively coupling the distinct communication networks to a print
5 server to enable communication therebetween via the print server;

6 communicatively linking the print server to a plurality of printers via a first
7 communication network among the distinct communication networks;

8 communicatively linking the print server to an external device via a second
9 communication network among the distinct communication networks;

10 configuring the print server to receive a print request from the external
11 device in a second communication link format of the second communication
12 network and generate a translated print request, in a first communication link
13 format of the first communication network that is different from the second
14 communication link format, for processing by at least one of the plurality of
15 printers; and

16 configuring the print server to generate and communicate a signal to the

Serial No.: 10/723,277

Case: 200310691-1

Amendment: A

17 external device, the signal including information of individual printers, among the
18 plurality of printers, supported by the print server even if the plurality of hard
19 printers are not configured to support the second communication link format.

1 29. [Original] The method of claim 28, further comprising enabling a
2 user of the external device to identify the individual printers for servicing the
3 print request generated in the second communication link format, wherein the
4 print request is sent via the print server.

1 30. [Original] The method of claim 29, further comprising:
2 configuring the first communications network as a local area network;
3 and
4 configuring the second communications network as a wireless network
5 configured to operate using a protocol selected from the group consisting of a
6 Bluetooth protocol, a 802.11 communication protocol, and a 802.11b
7 communication protocol.

1 31. [Original] The method of claim 28, further comprising:
2 configuring the print server to support multiple discovery techniques
3 including Bluetooth service discovery protocol, and universal plug and play
4 service discovery protocol; and
5 configuring the print server to advertise to the external device that the
6 print server supports a plurality of communication protocols and standards even
7 if the individual hard imaging devices of the plurality of hard imaging devices are
8 not configured to support the plurality of communication protocols and the
9 standards.

1 32. [Original] The method of claim 31, further comprising:
2 receiving print requests from the external device via the second
3 communication network by one of a plurality of physical layer components of
4 the print server;
5 processing the received print requests by a processing circuitry of the
6 print server;

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

7 transmitting the processed print requests to the second communication
8 network via another of the physical layer components; and
9 configuring the print server to function as a proxy server to requests from
10 the external device to provide functionalities not supported by the print server.

1 33. [Original] The method of claim 32, further comprising
2 automatically forwarding requests from the external device, that are not
3 understood by the print server, to an external service for further processing.

1 34. [Currently Amended] An article of manufacture, comprising:
2 processor usable media a computer readable medium comprising
3 programming configured to cause a print server apparatus of a print server
4 system to:

5 receive a print request from an external device in a second
6 communication link format;

7 generate a translated print request in a first communication link
8 format that is different from the second communication link format for
9 processing by individual ones of a plurality of printers; and

10 generate and communicate a signal to the external device, the
11 signal being indicative of the individual printers supported by the print server
12 even if the plurality of hard imaging devices are not configured to support the
13 second communication link format.

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1 35. [Currently Amended] The article of manufacture of claim 34,
2 wherein the programming comprises programming configured to enable the print
3 server to advertise to the external device that the print server is configured to
4 support a plurality of communication protocols and standards even if the
5 individual printers are not configured to support the plurality of communication
6 protocols and the standards.

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

1 36. [New] The system of claim 1 wherein the print server
2 communicates content associated with the print request and which is to be
3 printed upon media to the at least one of the plurality of hard imaging devices
4 using the first communications network.

1 37. [New] The system of claim 36 wherein the external device
2 originates the print request and the content.

1 38. [New] The system of claim 1 wherein the signal is indicative of at
2 least one of the hard imaging devices which is not configured to support the
3 second communication link format.

1 39. [New] The system of claim 18 wherein the external device
2 originates the print request and content associated with the print request and
3 which is to be printed upon media.

1 40. [New] The system of claim 24 wherein the first communication
2 means communicates content associated with the print request and which is to
3 be printed upon media to the at least one of the printers.

1 41. [New] The system of claim 26 wherein the print server receives
2 content associated with the print request and which is to be printed upon media
3 from the external device via the second communications network and forwards
4 the content for communication to the at least one of the printers via the second
5 communications network.

1 42. [New] The method of claim 28 wherein the configuring the print
2 server to receive comprises configuring the print server to receive content
3 associated with the print request and which is to be printed upon media from
4 the external device in the second communication link format and to forward the
5 content in the first communication link format for processing by the at least one
6 of the printers.

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A

1 43. [New] The article of manufacture of claim 34 wherein the
2 programming comprises programming configured to cause the print server
3 apparatus of the print server system to receive content associated with the print
4 request and which is to be printed upon media in the second communication link
5 format and to forward the content in the first communication link format for
6 processing by at least one of the printers.

Serial No.: 10/723,277
Case: 200310691-1
Amendment: A